

4/7/1 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
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Quantitative immunoassay of human interferon alpha-2 - using two antibodies, one immobilised and the other enzyme labelled, providing rapid, accurate and simple determn.

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DD 279547	A	19900606	DD 295280	A	19861015	199045 B

Priority Applications (No Type Date): DD 295280 A 19861015

Abstract (Basic): DD 279547 A

Quantitative immuno-enzymometric method for determining human interferon (IFN)alpha-2 uses as first antibody (Ab1) a polyclonal antibody raised in vertebrates against IFN-alpha or a monoclonal antibody reactive with IFN-alpha-2, and a second antibody (Ab2), poly- or mono-clonal, which is labelled with an enzyme. Ab1 is absorbed on the walls of a reaction vessel, either by drying on or by wet loading.

USE/ADVANTAGE - The method is useful in biotechnological IFN-alpha-2 prodn.; in medical diagnosis and in biomedical research. IFN is known to have antiviral, antiproliferative and immunomodulatory activities. This test is quantitative, rapid, simple and reliable, and eliminates the need for radioactive materials. Only a single reaction vessel is used and a single person can do many assays in less than 5 hrs.. (3pp Dwg.No.0/0)

Derwent Class: B04; D16; S03

International Patent Class (Additional): G01N-033/57